



U.S. DEPARTMENT OF DEFENSE

**Force Health Protection
& Readiness**



Force Health Protection

Michael E. Kilpatrick, M.D.

Deputy Director

Deployment Health Support



Military Health System

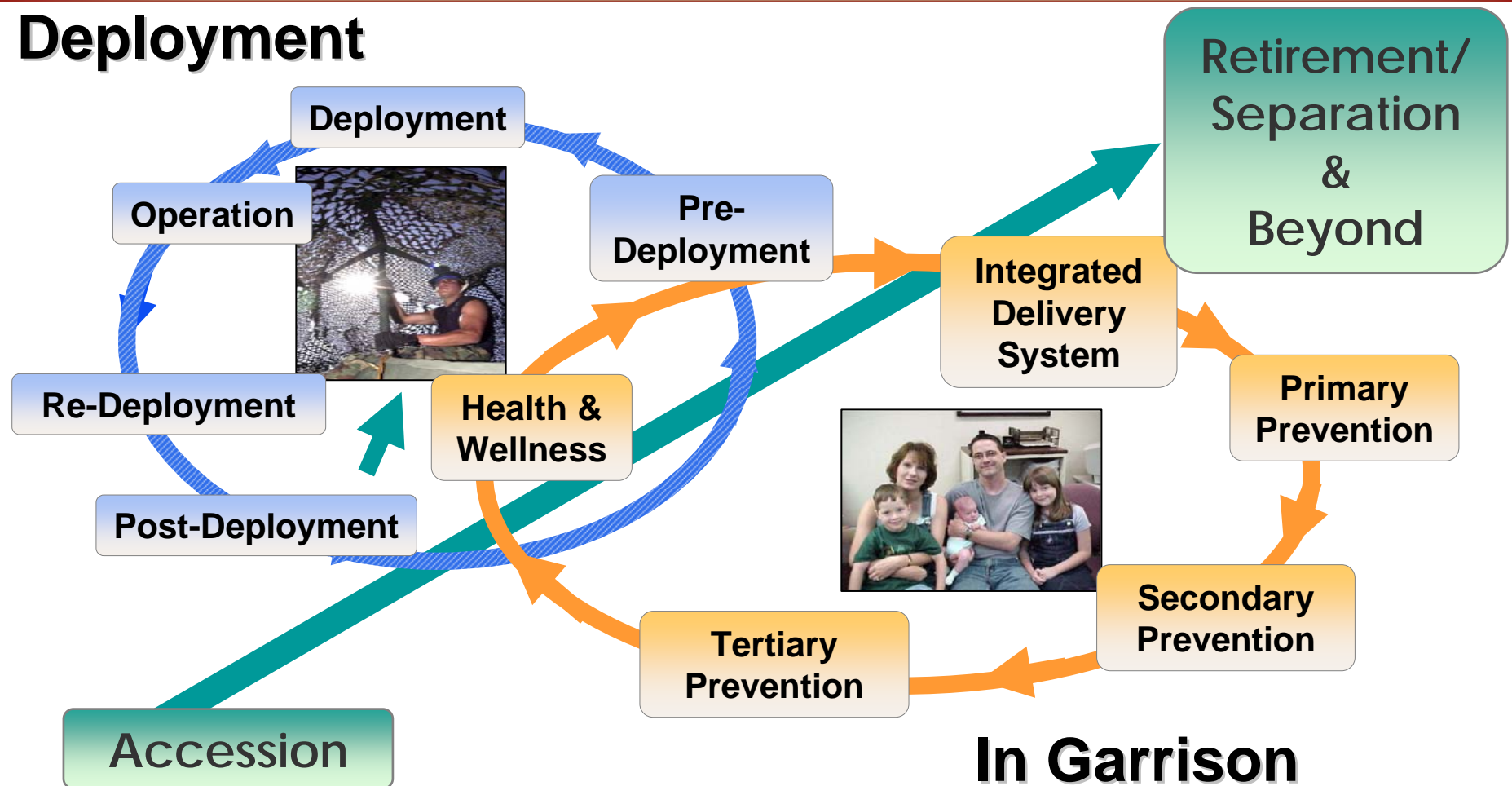
Mission

To enhance DoD and our nation's security by providing health support for the full range of military operations and sustaining the health of all those entrusted to our care.



Service Member Life Cycle

Deployment





Continuum of Care

- **Accession history and physical**
- **Periodic health assessment (annual)**
- **Special assignment physical examination**
- **HIV screening**
- **Annual dental examinations**
- **Annual medical record and immunizations review**
- **Pre-deployment health assessments**
- **Post-deployment health assessments**
- **Post Deployment Health Reassessment**
- **Separation physical**



Force Health Protection and Readiness



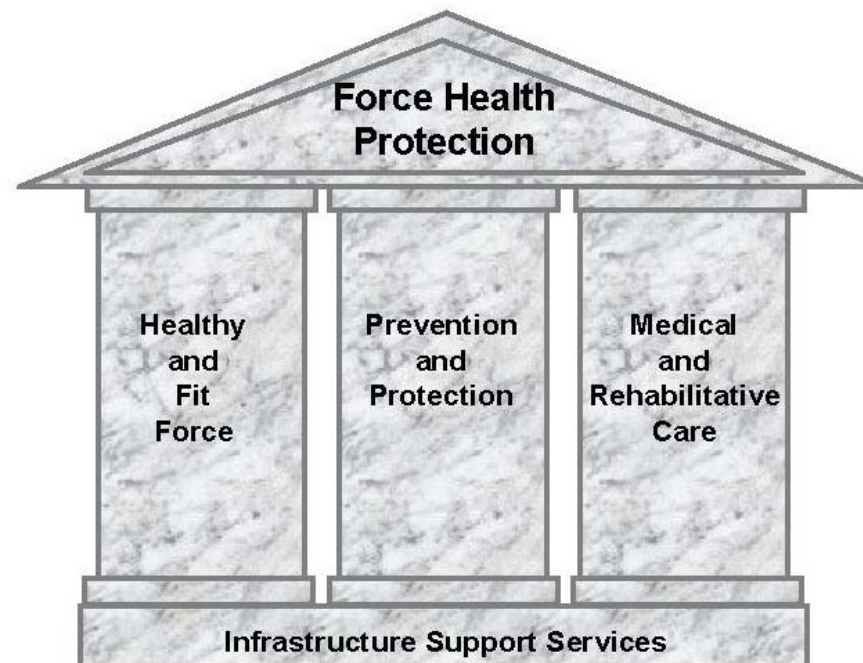
Mission

To support the Department of Defense by establishing medical policy, oversight, program analysis and quality assurance for Force Health Protection and Medical Readiness.



Force Health Protection

- Recruit and maintain a healthy and fit force
- Prevent disease and injury
- Treat and care for those ill or injured





Force Health Protection

Pre-Deployment

- Health Promotion
- Immunizations Current
- Medical Threat Brief
- Environmental Threat Brief
- Health Assessment
- Risk Communication

Deployment

- Environmental & Medical Surveillance
- Food and Water Inspections
- Industrial/Occupational Surveillance
- Risk Communication



Post-Deployment

- Medical & Environmental Surveillance Debriefing
- Health Assessments
- Post-Deployment Clinical Practice Guideline
- Risk Communication



Pre-Deployment





Individual Medical Readiness Definitions and Classification System

Element

- Dental Class 1 or 2
- Immunizations
- Medical Readiness Labs
- Deployment Limiting Conditions
- Health Assessment
- Medical Equipment

Definition

DoD Standard
Routine +COCOM and Service Specific
HIV, DNA, Blood Type + Occupation Specific
Occupation and Service Specific
Periodic Health Assessment (PHA)
Gas Mask Inserts + Platform Specific

Fully medically ready	Immunizations current
	Dental Class 1 or 2
	Current med readiness labs
	No deployment limiting condition
	Current Health Assessment
	Medical Equipment Current
Medically ready with minimal intervention	Needs immunization
	Needs medical readiness lab
	Needs medical equipment
Unknown	Health Assessment overdue
	Dental Class 4
Not Medically Ready	Dental Class 3
	Deployment prohibiting condition
	Hospital inpatient or convalescing



Pre-Deployment Health Assessment

- DD Form 2795
- Current health
- Deployment limiting conditions
- Current medications
- Mental health care within a year



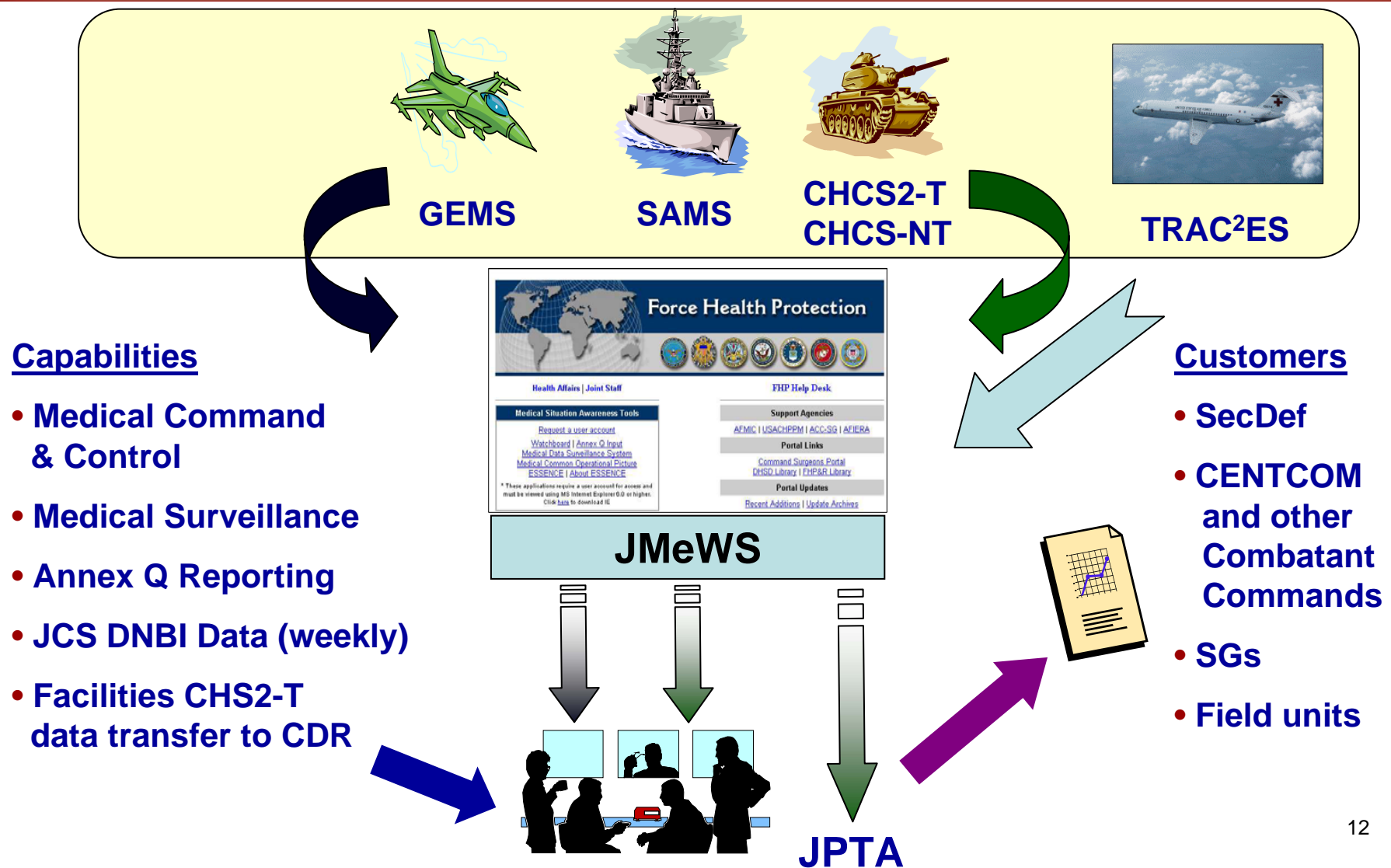
During Deployment





Theater Health Surveillance

Data Sources, Capabilities and Customers



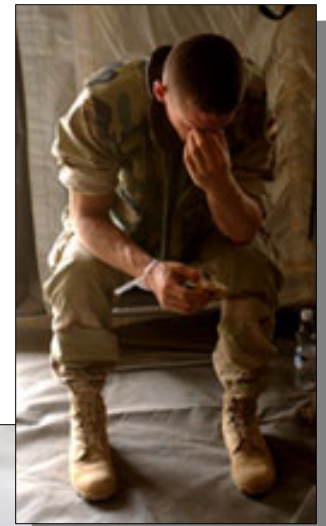


OIF Data

as of 6 February 2006

Disease Non-Battle Injuries – 4% per week

- Injuries 25%
 - Training/Work 45%
 - Sports 16%
 - Motor Vehicles 2%
 - Other 37%
- Respiratory 14%
- Gastrointestinal 7%
- Dermatologic 12%
- Mental Health 3%
- Combat Stress 1%





OIF/OEF Data

as of 13 February 2006

- Medical Air Transport – 31,170
 - Disease 64%
 - Non-Battle Injury 18%
 - Battle Injury 18%





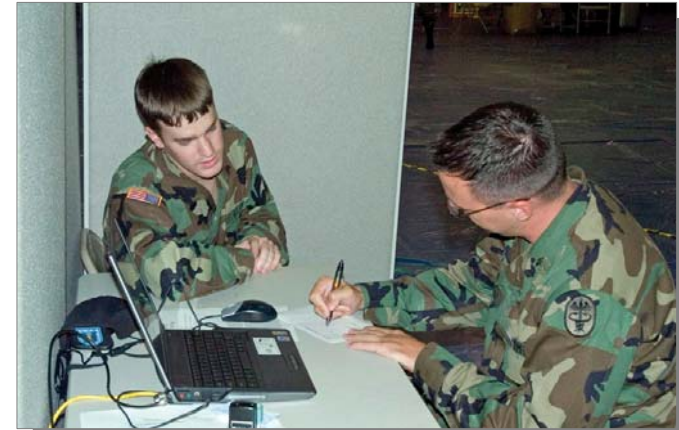
Status of OEF/OIF Deployment Occupational and Environmental Health Monitoring

- From Jan 1, 2003 to July 31, 2005: Approx 3500 samples (Army – some AF and Navy) analyzed at USACHPPM for > 350,000 parameters from these three countries

Country	# Locations Sampled	Number of Samples per Environmental Media			
		Air	Treated Water	Untreated Water	Soil
Iraq	235	1417	219	86	485
Kuwait	33	910	48	1	128
Afghan-istan	24	124	41	40	20
TOTALS	292	2451	308	127	633



Post Deployment





Enhanced Post-Deployment Health Assessment



- Face-to-Face health assessment by a credentialed health care provider
 - Discuss responses to DD Form 2796
 - Discuss mental & psychological issues
 - Document special medications
 - Discuss concerns about environmental/occupational exposures
 - Discuss resources for resolution of deployment health issues
- Expanded four-page DD Form 2796 ensures breadth of assessment
- Blood sample within 30 days, rather than waiting for routine HIV
- Assure all health issues fully addressed



Post-Deployment Health Assessment

	Health (Excellent, Very Good, Good)	Medical/ Dental Problems	Profile	Mental Health Concerns	Referral
Active Duty	93%	21%	6%	4%	17%
Reserve Components	90%	39%	12%	6%	24%



Post-Deployment Health Reassessment (PDHRA)

- A Force Health Protection process designed to enhance the deployment-related continuum of care
- Targeted at three to six months after return from a contingency operation
- *Provides outreach, education and a global health assessment*
- DD Form 2900



PDHRA Data

To date, 45% of the participants express any health concern

Physical Health Concerns	Mental Health Concerns	Both Physical and Mental Health Concerns	Referral
31%	4%	10%	31%

45%



Seamless Transition from DoD to VA of Seriously Injured Servicemembers

- DoD and VA are working to improve coordination of health care of servicemembers, particularly at the time of separation
- Objectives of Seamless Transition:
 - Ensure continuity of care from DoD to VA health care providers
 - Provide clear and comprehensive benefit information to servicemembers and their families
- Initial focus of current programs is to improve long-term care of seriously injured servicemembers returning from OIF and OEF



Resources

Military One Source (800) 342-9647 www.militaryonesource.com

Military Severely Injured Center (800) 774-1361
severelyinjured@militaryonesource.com

Army Wounded Warrior Program (800) 833-6622 www.armydds3.org

Marine for Life (866) 645-8762 injuredsupport@M4L.usmc.mil

Air Force Palace HART (888) 774-1361
severelyinjured@militaryonesource.com

Navy Safe Harbor (888) 774-1361 severelyinjured@militaryonesource.com

DHSD Deployment Helpline (800) 497-6261

Deployment Health Clinical Center <http://www.pdhealth.mil>

DeploymentLINK <http://deploymentlink.osd.mil>

Deployment Health and Family Readiness Library
<http://deploymenthealthlibrary.fhp.osd.mil/home.jsp>